



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Inventor: Hiroaki SUDO et al. Group Art Unit: 2661  
Appln. No.: 09/550,167 Examiner: R. Pizarro  
Filed: April 14, 2000  
For: OFDM RECEIVING APPARATUS, OFDM TRANSMISSION  
APPARATUS AND OFDM COMMUNICATION METHOD

REQUEST FOR CONSIDERATION OF  
INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner of Patents  
Washington, DC 20231

Dear Sir:

With respect to the Information Disclosure Statements filed April 14, 2000 and June 28, 2004, applicants respectfully request that the Examiner initial and return a copy of the previously supplied Form PTO-1449's indicating consideration of the references; for the convenience of the Examiner, a copy of the Form PTO-1449's are attached, as well as a copy of the IDS's and PTO date-stamped filing receipts.

Respectfully submitted,

Date: March 10, 2005

James E. Ledbetter  
Registration No. 28,732

JEL/ejw  
Attorney Docket No. JEL 31064  
STEVENS, DAVIS, MILLER & MOSHER, L.L.P.  
1615 L STREET, NW, Suite 850  
P.O. Box 34387  
WASHINGTON, DC 20043-4387  
Telephone: (202) 785-0100  
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The Official Dating Stamp of the Patent and  
Trademark Office Hereon is acknowledgment  
of the filing of

COPY

New Patent Application: 57 pgs. Spec., 16 Claims, Abstract, 24 sheets of drwgs.  
(Figs. 1-24); executed Declaration; PTO-1595 w/Assignment and check no.  
13188 for \$40.00; Information Disclosure Statement w/PTO-1449 with two IEICE  
Technical Reports (in Japanese) w/abstracts (in English) thereof and three sheets  
of Applicants' comments; Claim for Priority w/one Japanese certified priority document;  
and Preliminary Amendment.

Description

of paper: New Utility Patent Transmittal (in dup.) w/check no. 13187  
for \$768.00

Name of

Applicants: Hiroaki SUDO et al.

Serial No.: New Patent Application

Atty. File No.: JEL 31064 Sender's Initials: JEL/lmg



STEVENS, DAVIS, MILLER & MOSHER, LLP.  
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Inventors: Hiroaki SUDO et al.  
Application No.: New Patent Application  
Filed: April 14, 2000  
For: OFDM COMMUNICATION APPARATUS

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner of Patents  
Washington, DC 20231

Sir:

Pursuant to Rules 56 and 99, Applicants hereby call the attention of the Patent Office to the references listed on the attached Form PTO 1449.

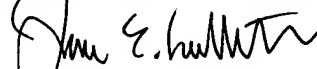
Applicants present this art so that the Patent Office may, in the first instance, determine any relevancy thereof to the presently claimed invention, see Beckman Instruments, Inc. v. Chemtronics, Inc., 439 F.2d 1369, 1380, 165 USPQ 355, 364 (5th Cir. 1970). Also see Patent Office Rules 104 and 106.

Applicants respectfully request that this art be expressly

Information Disclosure Statement - H. SUDO et al.  
April 14, 2000  
Page 2

considered during the prosecution of this application and made of record herein and appear among the "References Cited" on any patent to issue herefrom.

Respectfully submitted,



Date: April 14, 2000

James E. Ledbetter  
Registration No. 28,732

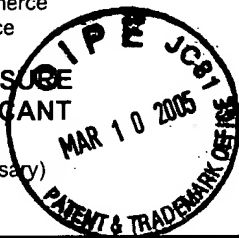
Attorney Docket No. JEL 31064

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FORM PTO-1449 U.S. Department of Commerce  
(Rev. 4/92) Patent and Trademark Office

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use several sheets if necessary)



ATTY. DOCKET NO.

JEL 31064

SERIAL NO.

New Patent Application

APPLICANT

Hiroaki SUDO et al.

FILING DATE

April 14, 2000

GROUP

Unassigned

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLAS S	FILING DATE IF APPROPRIATE

**FOREIGN PATENT DOCUMENTS**

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLAS S	TRANSLATION
					YES NO

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

	Akinori Taira et al., "A Study on Timing Synchronization Technique for OFDM," Technical Report of IEICE, CS99-41, RCS99-33 (1999-06), pp. 49-54, in Japanese, with abstract in English thereof and two pages of comments provided by Applicants.
	Nobuaki Mochizuki et al., "Frequency and Timing Error Control Technique using a Broadcast Channel for OFDM," IEICE, Sogo Taikai (1999, B-5-10), p. 361, in Japanese, with abstract in English thereof and one page of comments provided by Applicants.

EXAMINER

DATE CONSIDERED

**EXAMINER:** Initial if citation is considered, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

(Form PTO-1449 [6-4])



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



In re the Application of

Inventors: Hiroaki SUDO, et al. Art Unit: 2749  
Application No.: 09/550,167 Examiner: R. Pizarro  
Filed: April 14, 2000  
For: OFDM COMMUNICATION APPARATUS

INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner of Patents  
Washington, DC 20231

Dear Sir:

Pursuant to Rules 56 and 99, Applicants hereby call the attention of the Patent Office to the documents listed on the attached Form PTO 1449. Attached is a Japanese Office Action dated March 30, 2004 with a partial English translation thereof. US '821 corresponds to JP '097. EP '241 corresponds to JP '131.

Applicants present this art so that the Patent Office may, in the first instance, determine any relevancy thereof to the presently claimed invention, see Beckman Instruments, Inc. v. Chemtronics, Inc., 439 F.2d 1369, 1380, 165 USPQ 355, 364 (5th Cir. 1970). Also see Patent Office Rules 104 and 106. Applicants respectfully request that this art be expressly considered during the prosecution of this application and made of record herein and appear among the "References Cited" on any patent to issue herefrom.

Respectfully submitted,

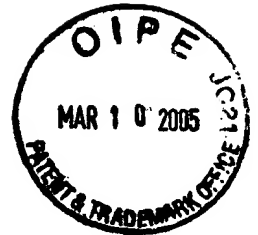
James E. Ledbetter  
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Date: June 30, 2004

JEL/mat

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CERTIFICATION UNDER 37 CFR §1.97(e)(1)

Assistant Commissioner of Patents  
Washington, DC 20231

Dear Sir:

In fulfillment of 37 CFR 1.97(c)(1) and 1.97(e)(1), it is hereby certified that each item of information contained in the attached Information Disclosure Statement was first cited in any communication (see the attached copy of a Japanese Office Action dated March 30, 2004) from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "James E. Ledbetter".

James E. Ledbetter  
Registration No. 28,732

Date: June 28, 2004

JEL/mat

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